

## CARSON RIVER BASIN, UPPER CARSON RIVER BASIN

10308784 LEVIATHAN MINE ADIT DRAIN NEAR MARKLEEVILLE, CA

LOCATION.—Lat  $38^{\circ}42'15''$ , long  $119^{\circ}39'28''$ , in NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  sec. 22, T. 10 N., R. 21 E., Alpine County, Hydrologic Unit 16050201, 2.2 mi north of State Highway 89, and 6.5 mi southeast of Markleeville.

PERIOD OF RECORD.—November 1998 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 7,100 ft above NGVD of 1929, from topographic map.

REMARKS.—Records good.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily discharge, 0.09 ft<sup>3</sup>/s, May 15–18, 1999; minimum daily, 0.0219 ft<sup>3</sup>/s, Feb. 19, 20, 2002.

EXTREMES FOR CURRENT YEAR.—Maximum daily discharge, 0.0453 ft<sup>3</sup>/s, Apr. 22; minimum daily, 0.0256 ft<sup>3</sup>/s, Feb. 17.

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

## DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0302	0.0286	0.0269	0.0267	0.0267	0.0259	0.0351	0.0428	0.0311	0.0300	0.0284	0.0272
2	0.0314	0.0289	0.0272	0.0269	0.0270	0.0258	0.0353	0.0426	0.0307	0.0300	0.0284	0.0275
3	0.0321	0.0288	0.0272	0.0267	0.0266	0.0264	0.0359	0.0419	0.0307	0.0296	0.0289	0.0281
4	0.0311	0.0288	0.0267	0.0268	0.0264	0.0263	0.0367	0.0423	0.0305	0.0293	0.0288	0.0280
5	0.0304	0.0284	0.0268	0.0269	0.0269	0.0260	0.0373	0.0426	0.0311	0.0292	0.0287	0.0274
6	0.0295	0.0284	0.0268	0.0266	0.0267	0.0258	0.0379	0.0427	0.0307	0.0294	0.0285	0.0276
7	0.0287	0.0280	0.0271	0.0262	0.0269	0.0259	0.0391	0.0422	0.0312	0.0293	0.0284	0.0272
8	0.0278	0.0282	0.0273	0.0265	0.0268	0.0262	0.0395	0.0423	0.0314	0.0294	0.0282	0.0272
9	0.0280	0.0279	0.0272	0.0266	0.0265	0.0263	0.0398	0.0422	0.0318	0.0291	0.0280	0.0274
10	0.0283	0.0277	0.0275	0.0268	0.0267	0.0264	0.0412	0.0422	0.0311	0.0293	0.0284	0.0271
11	0.0283	0.0282	0.0274	0.0268	0.0268	0.0276	0.0416	0.0426	0.0310	0.0291	0.0282	0.0267
12	0.0275	0.0282	0.0270	0.0264	0.0267	0.0279	0.0419	0.0422	0.0306	0.0290	0.0284	0.0271
13	0.0281	0.0277	0.0270	0.0267	0.0266	0.0281	0.0428	0.0410	0.0310	0.0288	0.0285	0.0272
14	0.0278	0.0278	0.0273	0.0269	0.0265	0.0285	0.0431	0.0401	0.0299	0.0286	0.0279	0.0273
15	0.0277	0.0282	0.0271	0.0268	0.0260	0.0293	0.0437	0.0396	0.0299	0.0288	0.0286	0.0271
16	0.0272	0.0277	0.0270	0.0269	0.0259	0.0297	0.0440	0.0385	0.0302	0.0287	0.0285	0.0272
17	0.0275	0.0272	0.0271	0.0269	0.0256	0.0301	0.0446	0.0377	0.0303	0.0287	0.0281	0.0272
18	0.0273	0.0273	0.0270	0.0267	0.0259	0.0301	0.0445	0.0374	0.0300	0.0288	0.0284	0.0279
19	0.0270	0.0273	0.0268	0.0268	0.0260	0.0303	0.0448	0.0366	0.0299	0.0285	0.0284	0.0281
20	0.0269	0.0270	0.0268	0.0268	0.0265	0.0303	0.0447	0.0358	0.0299	0.0284	0.0284	0.0281
21	0.0272	0.0275	0.0267	0.0270	0.0262	0.0307	0.0450	0.0352	0.0297	0.0289	0.0282	0.0280
22	0.0272	0.0281	0.0271	0.0273	0.0262	0.0307	0.0453	0.0345	0.0299	0.0292	0.0286	0.0277
23	0.0274	0.0279	0.0269	0.0270	0.0259	0.0308	0.0445	0.0333	0.0297	0.0289	0.0283	0.0275
24	0.0274	0.0277	0.0270	0.0269	0.0262	0.0315	0.0447	0.0327	0.0301	0.0282	0.0282	0.0273
25	0.0275	0.0279	0.0270	0.0270	0.0264	0.0315	0.0438	0.0326	0.0296	0.0286	0.0277	0.0271
26	0.0274	0.0273	0.0270	0.0269	0.0258	0.0324	0.0433	0.0318	0.0297	0.0288	0.0279	0.0273
27	0.0277	0.0274	0.0270	0.0268	0.0261	0.0321	0.0433	0.0318	0.0298	0.0287	0.0282	0.0275
28	0.0276	0.0270	0.0272	0.0267	0.0261	0.0323	0.0439	0.0324	0.0297	0.0284	0.0278	0.0272
29	0.0276	0.0269	0.0269	0.0269	0.0258	0.0326	0.0439	0.0315	0.0300	0.0285	0.0277	0.0278
30	0.0279	0.0272	0.0265	0.0271	---	0.0327	0.0434	0.0316	0.0302	0.0285	0.0276	0.0277
31	0.0292	---	0.0265	0.0269	---	0.0334	---	0.0314	---	0.0285	0.0272	---
TOTAL	0.8769	0.8352	0.8370	0.8309	0.7644	0.9036	1.2546	1.1741	0.9107	0.8972	0.8755	0.8237
MEAN	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.03
MAX	0.0321	0.0289	0.0275	0.0273	0.0270	0.0334	0.0453	0.0428	0.0318	0.0300	0.0289	0.0281
MIN	0.0269	0.0269	0.0265	0.0262	0.0256	0.0258	0.0351	0.0314	0.0296	0.0282	0.0272	0.0267
AC-FT	1.7	1.7	1.7	1.6	1.5	1.8	2.5	2.3	1.8	1.8	1.7	1.6